Author Index

Akino, T., see Sohma, H. (1178) 111
An, N.-H., see Kim, U.-H. (1178) 121
Ando, K., Beppu, M., Kikugawa, K. and Hamasaki, N.
Increased susceptibility of stored erythrocytes to anti-band 3 IgG autoantibody binding (1178) 127

Bab, I., see Greenberg, Z. (1178) 273
Barker, H.M., Craig, S.P., Spurr, N.K. and Cohen, P.T.W.
Sequence of human protein serine/threonine phosphatase 1 gamma and localization of the gene (PPP1CC) encoding it to chromosome bands 12q24.1–q24.2 (1178) 228
Bate, A.J., see Morrison, M.D. (1178) 135
Beppu, M., see Ando, K. (1178) 127
Bernstein, D., see Jasper, J.R. (1178) 307
Biber, J., see Sorribas, V. (1178) 141
Boonen, G.J.J.C., De Koster, B.M., VanSteveninck, J. and Elferink, J.G.R.
Neutrophil chemotaxis induced by the diacylglycerol kinase inhibitor R59022 (1178) 97
Borle, A.B., see Gasbarrini, A. (1178) 9
Braquet, P., see Marin, J.G. (1178) 103

Caraceni, P., see Gasbarrini, A. (1178) 9
Chabrier, P.E., see Marin, J.G. (1178) 103
Chang, C.-H., see Jeng, J.-R. (1178) 221
Chiu, H.-C., see Jeng, J.-R. (1178) 221
Chorev, M., see Greenberg, Z. (1178) 273
Chruscinski, A.J., see Jasper, J.R. (1178) 307
Chua, B.H.L., Chua, C.C., Diglio, C.A. and Siu, B.B.
Regulation of endothelin-1 mRNA by angiotensin II in rat heart endothelial cells (1178) 201
Chua, C.C., see Chua, B.H.L. (1178) 201
Cohen, P., see Donella-Deana, A. (1178) 189
Cohen, P.T.W., see Barker, H.M. (1178) 228
Connor, C., Drees, B. and Hamilton, J.
Parathyroid hormone-like peptide and parathyroid hormone are secreted from bovine parathyroid via different pathways (1178) 81
Cragoe, E.J., see Novikova, I.Yu. (1178) 267
Craig, S.P., see Barker, H.M. (1178) 228
Crews, F.T., see Purushotham, K.R. (1178) 40

De Koster, B.M., see Boonen, G.J.J.C. (1178) 97
De Nardin, E., see Lala, A. (1178) 302
Dickson, A.J., see Morrison, M.D. (1178) 135
Diglio, C.A., see Chua, B.H.L. (1178) 201
Di Julio, D.H., see Watson, E.L. (1178) 243
Donella-Deana, A., Lavoinne, A., Marin, O., Pinna, L.A. and Cohen, P.
An analysis of the substrate specificity of insulin-stimulated protein kinase-1, a mammalian homologue of S6 kinase-II (1178) 189
Døskeland, S.O., Maronde, E. and Gjertsen, B.T.
The genetic subtypes of cAMP-dependent protein kinase – functionally different or redundant? (1178) 249
Drees, B., see Connor, C. (1178) 81
Drummond, A.H., see Ruiz-Larrea, F. (1178) 63

Elferink, J.G.R., see Boonen, G.J.J.C. (1178) 97

Farghali, H., see Gasbarrini, A. (1178) 9

Gasbarrini, A., Borle, A.B., Farghali, H., Caraceni, P. and Van Thiel, D.
Fasting enhances the effects of anoxia on ATP, Ca_i^{2+} and cell injury in isolated rat hepatocytes (1178) 9
Genco, R.J., see Lala, A. (1178) 302
Gjertsen, B.T., see Døskeland, S.O. (1178) 249
Greenberg, Z., Chorev, M., Muhlrad, A., Shteyer, A., Namdar, M., Mansur, N. and Bab, I.
Mitogenic action of osteogenic growth peptide (OGP): role of amino and carboxy-terminal regions and charge (1178) 273
Grunewald, J., see Steinhilber, D. (1178) 1
Gudbjarnason, S., see Skúladóttir, G.V. (1178) 49

Hakkak, R., see Hendry, III, W.J. (1178) 176
Hallinan, T., see Khan, M.A. (1178) 215
Hamasaki, N., see Ando, K. (1178) 127
Hamilton, J., see Connor, C. (1178) 81
Han, M.-K., see Kim, U.-H. (1178) 121
Harding, H.L., see Morrison, M.D. (1178) 135
Harrison, III, R.W., see Hendry, III, W.J. (1178) 176
Hashimoto, H., see Sohma, H. (1178) 111
Hendry, III, W.J., Hakkak, R. and Harrison, III, R.W.
An analysis of autologous glucocorticoid receptor protein regulation in AtT-20 cells also reveals differential specificity of the BuGR2 monoclonal antibody (1178) 176
Hiraike, N., see Sohma, H. (1178) 111
Hoffbrand, A.V., see Khan, M.A. (1178) 215
Homma, T., see Kazuno, Y. (1178) 299
Hoshiko, S., see Steinhilber, D. (1178) 1
Humphreys-Beher, M.G., see Purushotham, K.R. (1178) 40

Imajoh-Ohmi, S., see Inomata, M. (1178) 207
Inomata, M., Nakamura, M., Imajoh-Ohmi, S. and Kawashima, S.
A variety of calpain/calpastatin systems in mammalian erythrocytes (1178) 207

Jasper, J.R., Link, R.E., Chruscinski, A.J., Kobilka, B.K. and Bernstein, D.
Primary structure of the mouse β_1-adrenergic receptor gene (1178) 307
Jeng, J.-R., Chang, C.-H., Shieh, S.-M. and Chiu, H.-C.
Oxidized low-density lipoprotein enhances monocyte-endothelial cell binding against shear-stress-induced detachment (1178) 221
Jeremy, J.Y., see Khan, M.A. (1178) 215

Kawashima, S., see Inomata, M. (1178) 207
Kazuno, Y., Homma, T., Nemoto, Y. and Matsuoka, H.
Development of a flow system for the microscopic observation of cultured nerve cells and its application to the neurite growth control of PC12h-R (1178) 299
Khan, M.A., Jeremy, J.Y., Hallinan, T., Tateson, J.E., Hoffbrand, A.V. and Wickremasinghe, R.G.
Antioxidants impair the coupling of cell-surface ligand receptors to the inositol lipid signalling pathway in human T lymphocytes but not in Jurkat T lymphoblastic leukemia cells. Evidence that

leukotrienes are not involved in the coupling mechanism (1178) 215
Kikugawa, K., see Ando, K. (1178) 127
Kim, H.-R., see Kim, U.-H. (1178) 121
Kim, U.-H., Han, M.-K., Park, B.-H., Kim, H.-R. and An, N.-H.
Function of NAD glycohydrolase in ADP-ribose uptake from NAD by human erythrocytes (1178) 121
Kincaid, R.L., see Muramatsu, T. (1178) 117
Kobayashi, H., Moniwa, N., Sugimura, M., Shinohara, H., Ohi, H. and Terao, T.
Effects of membrane-associated cathepsin B on the activation of receptor-bound prourokinase and subsequent invasion of reconstituted basement membranes (1178) 55
Kobilka, B.K., see Jasper, J.R. (1178) 307
Kurachi, T., Morita, I. and Murota, S.-i.
Involvement of adhesion molecules LFA-1 and ICAM-1 in osteoclast development (1178) 259
Kurian, P., see Purushotham, K.R. (1178) 40

Lala, A., Sharma, A., Sojar, H.T., Radel, S.J., Genco, R.J. and De Nardin, E.
Recombinant expression and partial characterization of the human formyl peptide receptor (1178) 302
Lavoinne, A., see Donella-Deana, A. (1178) 189
Lee, H.C., see Walseth, T.F. (1178) 235
Lemoine, H., see Zink, S. (1178) 286
Link, R.E., see Jasper, J.R. (1178) 307
Lohmann, S.M., see Schmidt, H.H.H.W. (1178) 153
Lohrke, S., see Watson, E.L. (1178) 243

Mansur, N., see Greenberg, Z. (1178) 273
Margolis, L.B., see Novikova, I.Yu. (1178) 267
Marin, J.G., Rodrigue, F., Mencia-Huerta, J.M., Chabrier, P.E. and Braquet, P.
Activation of the murine monocyte/macrophage cell line, J774A$_1$ by poly(A) · poly(U): I. Binding of poly(A) · poly(U) and induction of oligo-2′,5′-adenylate synthetase (1178) 103
Marin, O., see Donella-Deana, A. (1178) 189
Markovich, D., see Sorribas, V. (1178) 141
Maronde, E., see Døskeland, S.O. (1178) 249
Mathew, S. and Sudhakaran, P.R.
Stress causes alteration in attachment of rat hepatocytes to matrix protein substratum (1178) 146
Matsuoka, H., see Kazuno, Y. (1178) 299
Mencia-Huerta, J.M., see Marin, J.G. (1178) 103
Minakami, S., see Yu, L. (1178) 73
Moniwa, N., see Kobayashi, H. (1178) 55
Morita, I., see Kurachi, T. (1178) 259
Morrison, M.D., Bate, A.J., Harding, H.L., Whatmore, A.J. and Dickson, A.J.
Effects of okadaic acid on expression of phospho*enol*pyruvate carboxykinase in cultured rat hepatocytes (1178) 135
Muhlrad, A., see Greenberg, Z. (1178) 273
Muramatsu, T. and Kincaid, R.L.
Molecular cloning of a full-length cDNA encoding the catalytic subunit of human calmodulin-dependent protein phosphatase (Calcineurin Aα) (1178) 117
Muravyeva, O.V., see Novikova, I.Yu. (1178) 267
Murer, H., see Sorribas, V. (1178) 141
Murota, S.-i., see Kurachi, T. (1178) 259

Nagata, S., see Takagi, T. (1178) 194
Nakagawa, Y., see Purushotham, K.R. (1178) 40
Nakamura, M., see Inomata, M. (1178) 207
Namdar, M., see Greenberg, Z. (1178) 273
Nemoto, Y., see Kazuno, Y. (1178) 299
Novikova, I.Yu., Muravyeva, O.V., Cragoe, E.J. and Margolis, L.B.
Study of fibroblast spreading: pH dependence, involvement of the Na^+/H^+-antiporter and PKC (1178) 267
Nunoi, H., see Yu, L. (1178) 73

Ohguro, H., see Sohma, H. (1178) 111
Ohi, H., see Kobayashi, H. (1178) 55

Park, B.-H., see Kim, U.-H. (1178) 121
Patel, R., see Purushotham, K.R. (1178) 40
Pinna, L.A., see Donella-Deana, A. (1178) 189
Purushotham, K.R., Nakagawa, Y., Kurian, P., Patel, R., Crews, F.T. and Humphreys-Beher, M.G.
Activation of phosphatidylinositol 3-kinase and phosphatidylinositol 4-kinase during rat parotid acinar cell proliferation (1178) 40

Radel, S.J., see Lala, A. (1178) 302
Rådmark, O., see Steinhilber, D. (1178) 1
Rich, M.R.
Conformational analysis of arachidonic and related fatty acids using molecular dynamics simulations (1178) 87
Rittenhouse, S.E., see Tate, B.F. (1178) 281
Rodrigue, F., see Marin, J.G. (1178) 103
Rösen, P., see Zink, S. (1178) 286
Ruiz-Larrea, F. and Drummond, A.H.
Pathways of dephosphorylation of 1-D-*myo*-inositol 1,4,5-trisphosphate in GH3 pituitary tumor cells (1178) 63

Sackmann, B., see Zink, S. (1178) 286
Samuelsson, B., see Steinhilber, D. (1178) 1
Schiöth, H.B., see Skúladóttir, G.V. (1178) 49
Schmidt, H.H.H.W., Lohmann, S.M. and Walter, U.
The nitric oxide and cGMP signal transduction system: regulation and mechanism of action (1178) 153
Sharma, A., see Lala, A. (1178) 302
Shieh, S.-M., see Jeng, J.-R. (1178) 221
Shinohara, H., see Kobayashi, H. (1178) 55
Shteyer, A., see Greenberg, Z. (1178) 273
Siddle, K., see Tavaré, J.M. (1178) 21
Siu, B.B., see Chua, B.H.L. (1178) 201
Skúladóttir, G.V., Schiöth, H.B. and Gudbjarnason, S.
Polyunsaturated fatty acids in heart muscle and α_1-adrenoceptor binding properties (1178) 49
Sodhi, S., see Watson, E.L. (1178) 243
Sohma, H., Hashimoto, H., Hiraike, N., Ohguro, H. and Akino, T.
Different functional forms of G-protein $\beta\gamma$-subunits, $\beta\gamma$-I and $\beta\gamma$-II, in bovine brain (1178) 111
Sojar, H.T., see Lala, A. (1178) 302
Sorribas, V., Markovich, D., Werner, A., Biber, J. and Murer, H.
Expression of Na/P_i cotransport from opossum kidney cells in *Xenopus laevis* oocytes (1178) 141
Spurr, N.K., see Barker, H.M. (1178) 228
Steinhilber, D., Hoshiko, S., Grunewald, J., Rådmark, O. and Samuelsson, B.
Serum factors regulate 5-lipoxygenase activity in maturating HL60 cells (1178) 1
Sudhakaran, P.R., see Mathew, S. (1178) 146
Sugimura, M., see Kobayashi, H. (1178) 55

Takagi, T., Yanagisawa, K., Tsukamoto, T., Tetsuka, T., Nagata, S. and Tominaga, S.-i.
Identification of the product of the murine ST2 gene (1178) 194
Takeshige, K., see Yu, L. (1178) 73
Tate, B.F. and Rittenhouse, S.E.
Thrombin activation of human platelets causes tyrosine phosphorylation of PLC-γ_2 (1178) 281

Tateson, J.E., see Khan, M.A. (1178) 215
Tavaré, J.M. and Siddle, K.
Mutational analysis of insulin receptor function: consensus and controversy (1178) 21
Terao, T., see Kobayashi, H. (1178) 55
Tetsuka, T., see Takagi, T. (1178) 194
Tominaga, S.-i., see Takagi, T. (1178) 194
Tsukamoto, T., see Takagi, T. (1178) 194

VanSteveninck, J., see Boonen, G.J.J.C. (1178) 97
Van Thiel, D., see Gasbarrini, A. (1178) 9

Walseth, T.F. and Lee, H.C.
Synthesis and characterization of antagonists of cyclic-ADP-ribose-induced Ca^{2+} release (1178) 235
Walter, U., see Schmidt, H.H.H.W. (1178) 153
Watson, E.L., Sodhi, S., Lohrke, S. and Di Julio, D.H.
Glucose stimulates cAMP accumulation in the oral bacterium *Actinomyces viscosus* (1178) 243
Werner, A., see Sorribas, V. (1178) 141
Whatmore, A.J., see Morrison, M.D. (1178) 135
Wickremasinghe, R.G., see Khan, M.A. (1178) 215

Yanagisawa, K., see Takagi, T. (1178) 194
Yu, L., Takeshige, K., Nunoi, H. and Minakami, S.
Characterization of the GTP-dependent activation of the superoxide-producing NADPH oxidase in a cell-free system of pig neutrophils (1178) 73

Zink, S., Rösen, P., Sackmann, B. and Lemoine, H.
Regulation of endothelial permeability by β-adrenoceptor agonists: contribution of β_1- and β_2-adrenoceptors (1178) 286